

**SEMA4B antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI13034****Specification**

---

**SEMA4B antibody - N-terminal region - Product Information**

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Application       | WB                                                        |
| Primary Accession | <a href="#">O9NPR2</a>                                    |
| Other Accession   | <a href="#">NM_020210</a> , <a href="#">NP_064595</a>     |
| Reactivity        | Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog |
| Host              | Rabbit                                                    |
| Clonality         | Polyclonal                                                |
| Calculated MW     | 93kDa KDa                                                 |

**SEMA4B antibody - N-terminal region - Additional Information****Gene ID** 10509

|                                        |                                  |
|----------------------------------------|----------------------------------|
| Alias Symbol                           | KIAA1745, MGC131831, SEMAC, SemC |
| <b>Other Names</b>                     |                                  |
| Semaphorin-4B, SEMA4B, KIAA1745, SEMAC |                                  |

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-SEMA4B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

SEMA4B antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**SEMA4B antibody - N-terminal region - Protein Information****Name** SEMA4B ([HGNC:10730](#))**Function**

Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.

**Cellular Location**

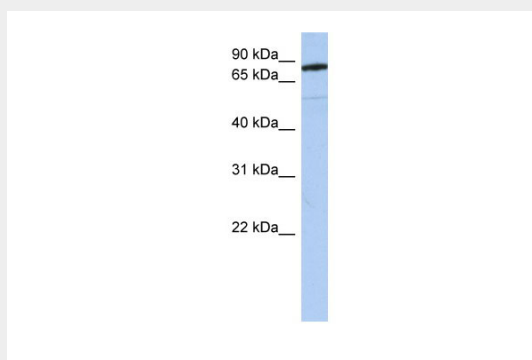
Membrane; Single-pass type I membrane protein.

## SEMA4B antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## SEMA4B antibody - N-terminal region - Images



WB Suggested Anti-SEMA4B Antibody Titration: 0.2-1  $\mu$ g/ml  
Positive Control: Human brain

## SEMA4B antibody - N-terminal region - References

White J.R.,et al.Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases.  
Nagase T.,et al.DNA Res. 7:347-355(2000).  
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).  
Zody M.C.,et al.Nature 440:671-675(2006).  
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).